KD
ASSOCIATES, INC.
ENVIRONMENTAL CONSULTING
AND LABORATORY SERVICES

11 November, 1996

Mr. Michael Young
Sites Management Section
Department of Environmental Conservation
103 South Main Street / West Building
Waterbury, Vermont 05671-0404

RE: Agway Energy Products, Middlebury, VT
Off-Site Transportation of Contaminated Soil Proposal
DEC Site #96-2016 and #91-1159

Dear Mr. Young:

On behalf of Agway Energy Products, K-D Associates, Inc. (KDAI) submits the following site information in request for Waste Management Division (WMD) approval to transport and treat approximately 235 cubic yards of petroleum contaminated soil at a proposed off-site location.

Agway Energy Products (Agway) is the Generator/Owner of two Department of Environmental Conservation Hazardous Sites in Middlebury, Vermont: Route 7 Agway (site #91-1159) and Agway MTS Facility, Exchange Street (site #96-2016). Each site currently holds polyencapsulated soil from UST removal/replacements which have previously been documented and are on file with the DEC. The approximately 235 total yards have been generated during separate events over the course of five years:

Route 7 Agway
1991: 50 cubic yards (200 ppm peak) stockpiled during gasoline UST removal replacement.
1996: 180 cubic yards (834 ppm peak) stockpiled during gasoline UST removal replacement.

Agway MTS Facility
1994: 4 cubic yards (unknown peak ppm) stockpiled following diesel dispensing pump repair.
1996: 1 cubic yard (97 ppm peak) stockpiled following diesel UST closure.

Due to property size limitations, the most recent addition of 180 cubic yards of contaminated soil at the Route 7 location has left inadequate room for daily operations. The soil is currently encapsulated in plastic, however the small property boundaries did not allow for the soil to be evenly spread for a more rapid and uniform natural reduction in contamination. Its current location also presents a potential threat to the integrity of the adjacent pole shed used to store LP tanks and equipment as runoff from the roof is falling directly on the mounds of encapsulated soil

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and is draining back under the pole shed. We anticipate additional snow/icing problems in the near future.

The current location of the soil at the MTS facility is marginally adequate, however it is in an unsecured location and in plain view upon entering the facility. KDAI and Agway have researched other Agway properties to determine if the soil could be transported to an alternate site without introducing another landowner, but a suitable site does not appear to be available or within a reasonable transportation distance.

Agway also pursued an option to purchase a portion of the adjacent land at the Route 7 site to spread the soil (and prevent potential legal liability actions from subsurface migration of remaining soil/groundwater contamination), however the current owner was not willing to sell.

Recently another landowner offered to accept the contaminated soil on his land for treatment. Mr. Richard Naylor of Salisbury, Vermont has a 40 acre parcel three miles south of the Agway site. KDAI has visited the site to determine the suitability of this site and locate potential areas for treatment of the contaminated soil. (Refer to enclosed map entitled "Off Site Soil Treatment Location Map" and "Soil Treatment Area Sketch"). The parcel currently has three building improvements; the Owner's residence and barn used as a sheet metal business, and a mobile home occupied by Mr. Naylor's son. The south and west portions are rented to a local farmer for growing hay or corn. It is generally level but seasonally very wet and is bisected by an un-named intermittent brook draining toward Halnon Brook. The north central and north eastern portion is slightly sloped but approximately 40 feet higher in elevation and is not used for agricultural or other developed purposes. It is in this area that a suitable site for the soil could be located. This site would be greater than 200 feet and hydraulically downgradient from each of the three nearby private drinking water supplies (bedrock), and greater than 300 feet from Mr, Naylor's own spring-fed well across Route 7. The proposed site would be greater than 100 feet from the man-made pond and intermittent brook. KDAI would specify that a berm be created on the southern (downgradient) sides of the soil treatment area to prevent surficial runoff from leaching to any of the surface waters observed. The proposed site would have limited access by sharing an existing driveway and would not be visible from Route 7. Fencing or other means of security is not necessary to limit public access.

KDAI proposes to move all existing stockpiled soil at both Agway sites to this off-site treatment location. Each of the four existing piles, generated by separate events, will be thin spread and individually polyencapsulated in separated piles to monitor the natural biodegradation of contaminants. The piles will be monitored on a semi-annual basis by field screening representative samples via photoionization detector (PID) and headspace techniques. The soils will remain stockpiled on site until there is no visual, olfactory or PID evidence of contamination (<1.0ppm) at which time the soil can be thin spread on site.

The enclosed WMD "Off Site Soil Treatment Request Form" has been signed by Mr. Naylor and Agway representative (Owner). KDAI has notified the local municipalities of the scope of this proposed plan and will secure any applicable permits.

KDAI and Agway requests that the WMD consider granting approval as soon as possible so as to immediately coordinate and implement this proposed plan before freezing temperatures set in. Should you have any questions or other concerns, please contact our office.

Respectfully,

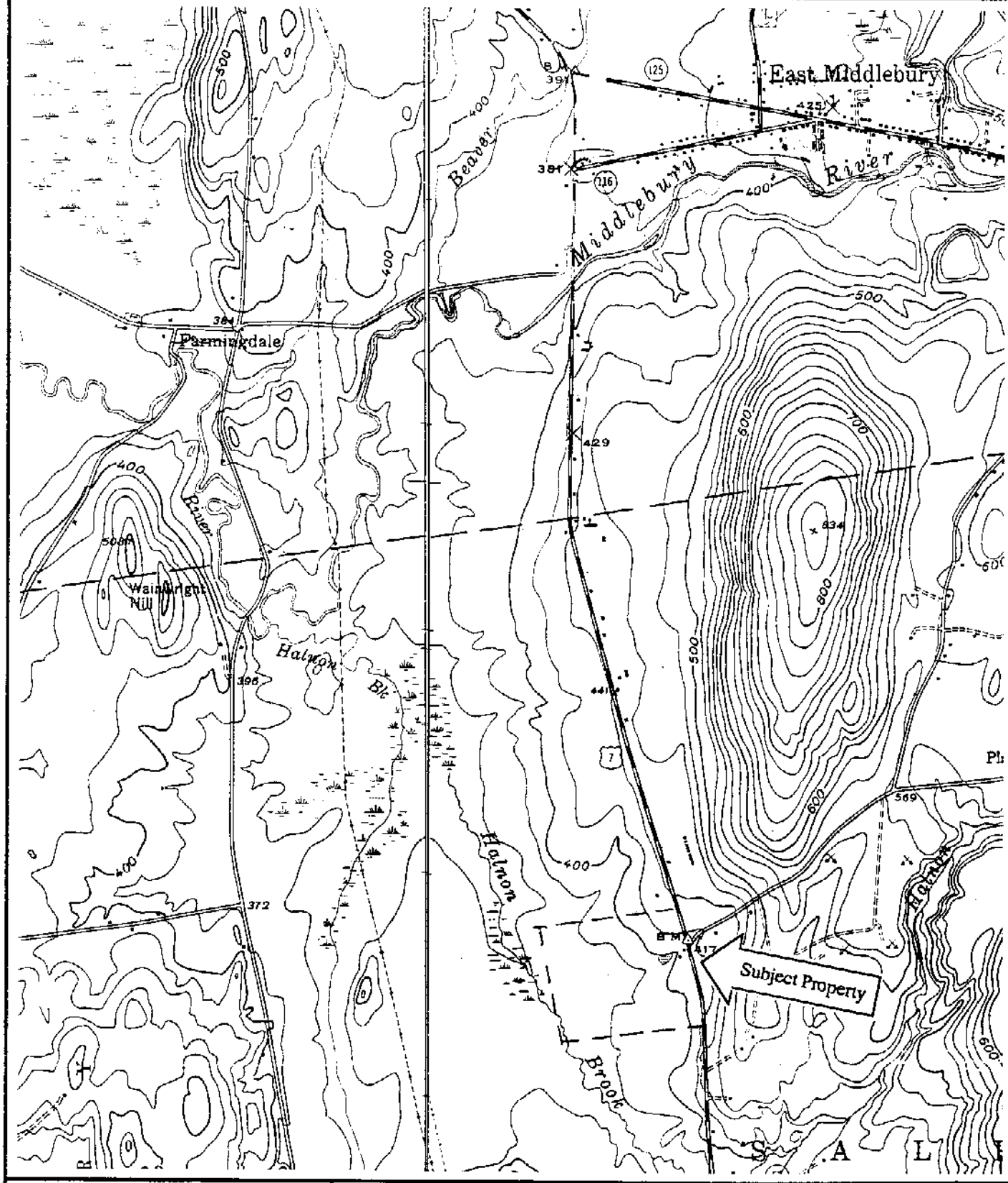
Bryan Schultz

Bryan Schultz

cc: Agway Energy Products
Town of Salisbury
Town of Middlebury
file 9632-003

Enclosures

Off Site Soil Treatment Map

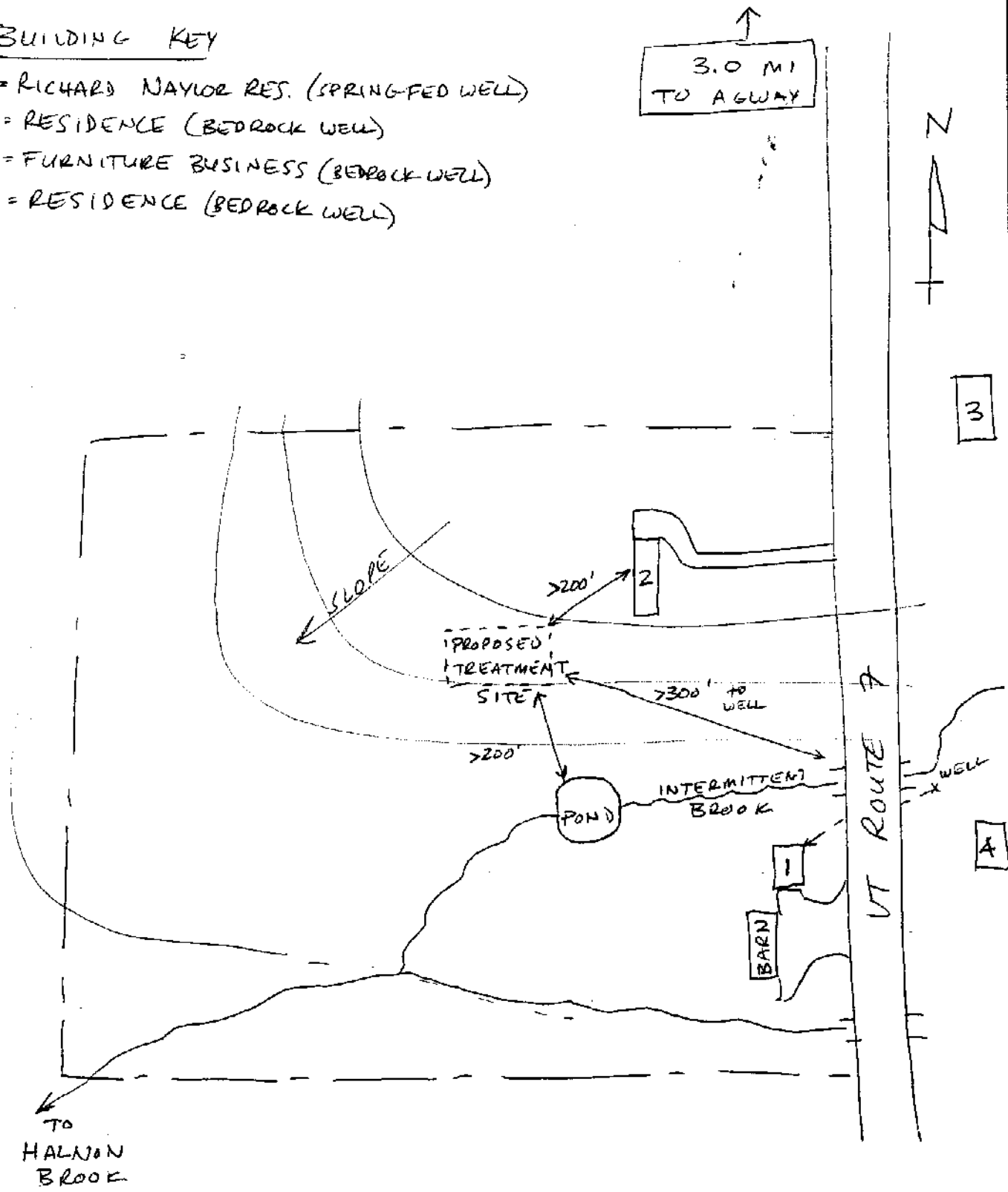


Site: Richard Naylor Property Route 7 Middlebury, Vermont	KDAI Project No. 9632-003 Date: 11/07/96 Initial: BS	Title: Off Site Soil Treatment Location Map Scale: 1" = 2000' Source: U.S.G.S. 7.5 minute topo E. Middlebury & Cornwall Quadrangles

Soil Treatment Area Sketch

BUILDING KEY

1 = RICHARD NAYLOR RES. (SPRING-FED WELL)
2 = RESIDENCE (BEDROCK WELL)
3 = FURNITURE BUSINESS (BEDROCK WELL)
4 = RESIDENCE (BEDROCK WELL)



Site: Richard Naylor Property Route 7 Middlebury, Vermont	KDAI Project No. 9632-003 Date: 11/07/96 Initial: BS	Title: Soil Treatment Area Sketch Scale: none (approximated Source: n/a

VT AGENCY OF NATURAL RESOURCES - DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WASTE MANAGEMENT DIVISION

OFF-SITE SOIL TREATMENT REQUEST FORM

Off-Site Location

Soil Volume/Peak PID/Avg. PID: 235 cu./yd. (830 ppm peak)
Off-Site Street Address: Egg Rd
Salisbury VT. 05769
Name of Land Owner: Richard D. Naylor
Phone # of Land Owner: 352-1003

Generator/Owner of Soil

Name: AGWAY Energy Products
Facility ID#, Name, and Street Address: #96-2016 and #91-159 Middlebury, VT.
Contact: Millard Thurston or Dick Williams
Phone #: 388-2722 (802) 449-6998

Off-Site Soil Treatment Siting Criteria Checklist

- [x] There are no bedrock drinking water supplies within 200 feet of the treatment area.
- [x] There are no shallow water supplies (e.g. dug wells, driven wells, etc.) within 100 feet of the treatment area that may need to be extended if shallow water supplies are shown to be hydraulically connected to the treatment area.
- [x] There are no sensitive environments such as a stream, river, lake, pond, wildlife management area, or wetland within 100 feet of the treatment location.
- [x] There is adequate room to allow for treatment to occur over the necessary time period.
- [x] Public access to the treatment area has been restricted (e.g. fencing, posting, etc.).
- [x] The treatment location is not in a residential area.
- [x] Written approval from the landowner, if different from the soil generator, has been received. The landowner granting written approval must provide DEC investigators property access for the purpose of inspecting soil treatment activities.
- [x] The local municipality has been notified in writing of the off-site location. The generator must provide evidence to the Waste Management Division (WMD) that, if applicable, local permits should be obtained.
- [x] An area map of the soil location has been submitted to the WMD.
- [ ] The WMD has given approval to move soils to the off-site location specified above, as indicated by the WMD representative's signature below.

ORIGINAL SIGNATURE COPY TO BE FORWARDED SOON!

As the party responsible for compliance with the "Agency Guidelines for Petroleum Contaminated Soil and Debris," subchapter 6 of the "Vermont Underground Storage Tank Regulations," and applicable statutes, I hereby certify that the representations made on this form are to the best of my knowledge true and correct.

Richard D. Williams
Name of Owner/Operator Representative (printed)

Richard D. Williams
Signature

AGWAY Petroleum Corp. - The Env. Eng. & Safety
Company Title

11/12/96
Date

As land owner of the soil treatment location, I hereby give approval to the soil generator to treat the soil volume cited above at the above referenced location. In addition, I hereby grant property access to DEC investigators for the purpose of inspecting soil treatment at my reasonable time.

Richard D. Naylor
Signature of Land Owner

11/4/96
Date

Signature of WMD Representative

Date of Approval

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